

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE **X** WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd _____

DATE FILED **11-2-84**

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. **U-49090** INDIAN _____

DRILLING APPROVED: **11-8-84 - OIL**

SPUDDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: **5373' GR**

DATE ABANDONED: **Application Rescinded 3-20-86**

FIELD: **UNDESIGNATED**

UNIT: _____

COUNTY: **DUCHESNE**

WELL NO **ANTELOPE CREEK #1-35-4C** API #**43-013-31021**

LOCATION **800' FSL** FT. FROM (N) (S) LINE **3500' FEL** FT. FROM (E) (W) LINE **SE SW** 1/4 - 1/4 SEC. **35**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
8S	15E	35	ROSELAND OIL & GAS INC.				

COCHRANE RESOURCES, INC.

Engineering
Wellsite Supervision
Lease Operating

P.O. Box 1656
Roosevelt, Utah 84066
Phone (801) 722-5081

October 31, 1984

Bureau of Land Management
Vernal District Office
170 S. 500 E.
Vernal, Utah 84078
Attention: Cody Hansen

Dear Sir:

Attached for your consideration is an application to drill the Roseland Antelope Creek Federal 1-35-4C located in Section 35 T8S, R15E, Duchesne County, Utah.

Also attached is:

1. Designation of Operator from Gulf Oil Corporation.
2. Survey Plat.
3. Location layout.
4. Topographic map showing well and offset well.
5. Intensive Cultural Resource Survey.
6. 8 point program.
7. B O.P. diagram.
8. 13 point surface use program.
9. Cut and fill diagram.

The subject well was staked and surveyed by Gulf Oil, which is why their name is on the survey and Resource Study. Roseland will be operator for the drilling, completion, and production.

Please advise if you have any questions.

Yours Truly,



Ken Allen
Agent for Roseland Oil & Gas Inc.

RECEIVED

KA/er.
enclosures **NOV 02 1984**

**DIVISION OF OIL
GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U-49090

3. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☒Gas
Well ☐Other ☐Single
Zone ☐Multiple
Zone ☐

2. Name of Operator

Roseland Oil and Gas Inc.

3. Address of Operator

P.O. Box 404 Tyler Texas 75710

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface 800' FSL 3500 FEL.

At proposed prod. zone

same

14. Distance in miles and direction from nearest town or post office*

15 miles S W. of Myton, Utah

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Antelope Creek

9. Well No.

1-35-4C

10. Field and Pool, or Wildcat

Undesignated
Wildcat11. Sec., T., R., M., or Blk.
and Survey or Area

Sec 35, T8S, R15E

12. County or Parish 13. State

Duchesne Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

701'

16. No. of acres in lease

17. No. of acres assigned
to this well18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

1600'

19. Proposed depth

7100'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

G.R. 5873'

22. Approx. date work will start*

Nov. 25, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
10 3/4"	8 5/8"	24#	300'	to surface
7 7/8"	5 1/2"	17#	7100'	to be determined

The proposed well will be drilled to a total depth of 7100'.

12 1/4" hole will be drilled with an air rig and 8 5/8"
24# surface casing will be set at 300'+ and cemented to sur-
face.5 1/2" liner will be set at 7100'. Cementing program will be
determined when T.D. is reached.APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE 11/18/84
BY [Signature]IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to plug or plug back, give data on present productive zone and proposed new pro-
ductive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout
preventer program, if any.

24.

Signed

[Signature]

Title

Agent for Roseland Oil & Gas 10-31-84

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

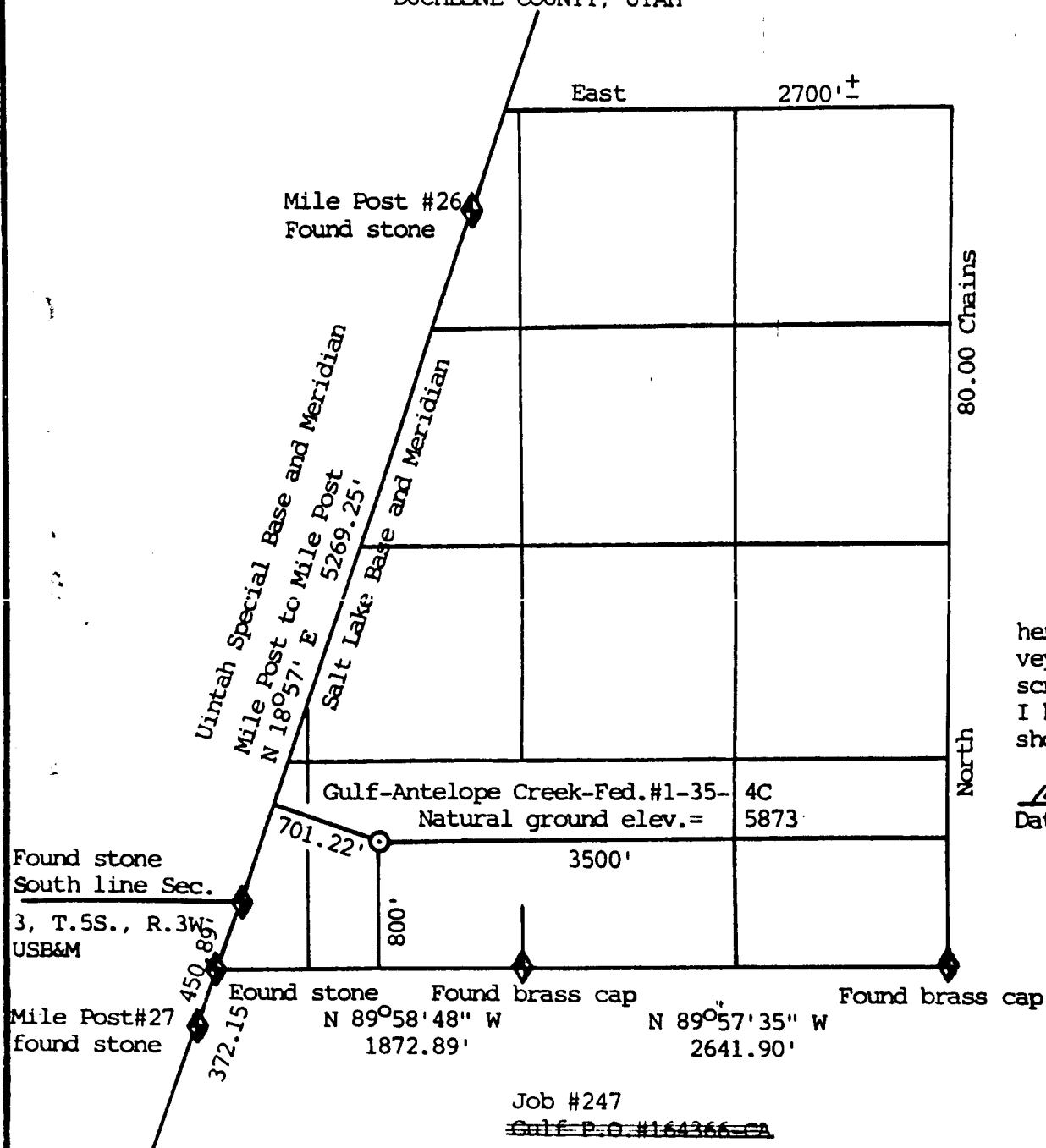
POOR COPY

SECTION 35
TOWNSHIP 8 SOUTH, RANGE 15 EAST
SALT LAKE BASE AND MERIDIAN
DUCHESNE COUNTY, UTAH

~~GULF OIL EXPLORATION & PRODUCTION CO.~~

Roseland Oil and Gas Inc

WELL LOCATION: S.E. $\frac{1}{4}$, S.W. $\frac{1}{4}$



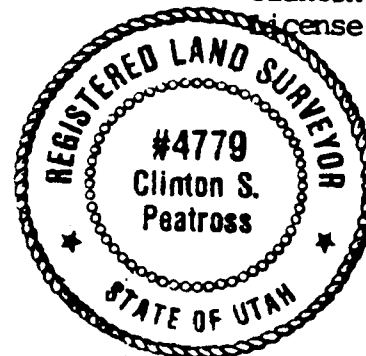
SCALE 1"=1000'

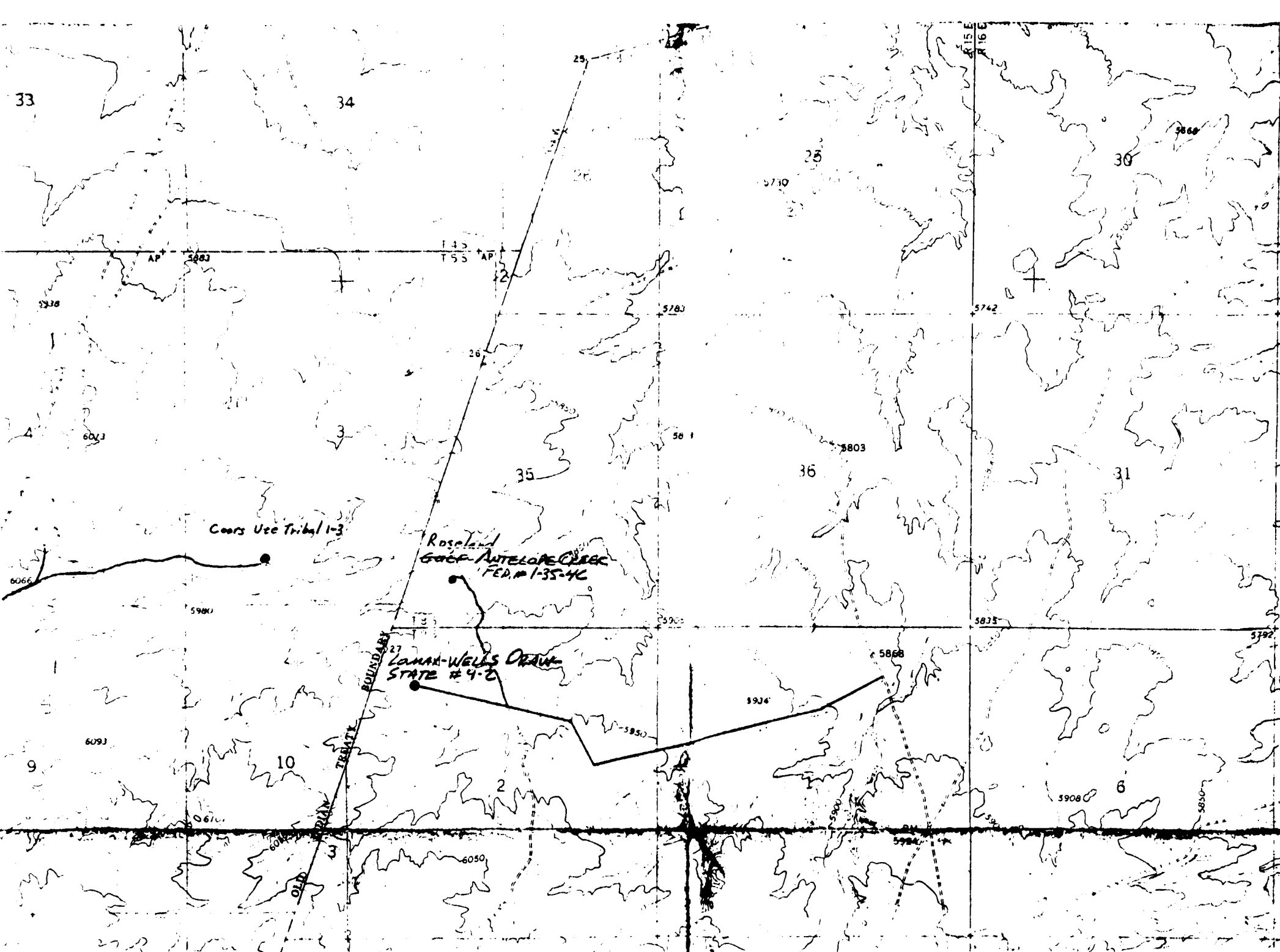
SURVEYOR'S CERTIFICATE

I, Clinton S. Peatross, Duchesne, Utah, do hereby certify that I am a Registered Land Surveyor, and that I hold License No. 4779, as prescribed by the laws of the state of Utah, and that I have made a survey of the oil well location, as shown on this plat.

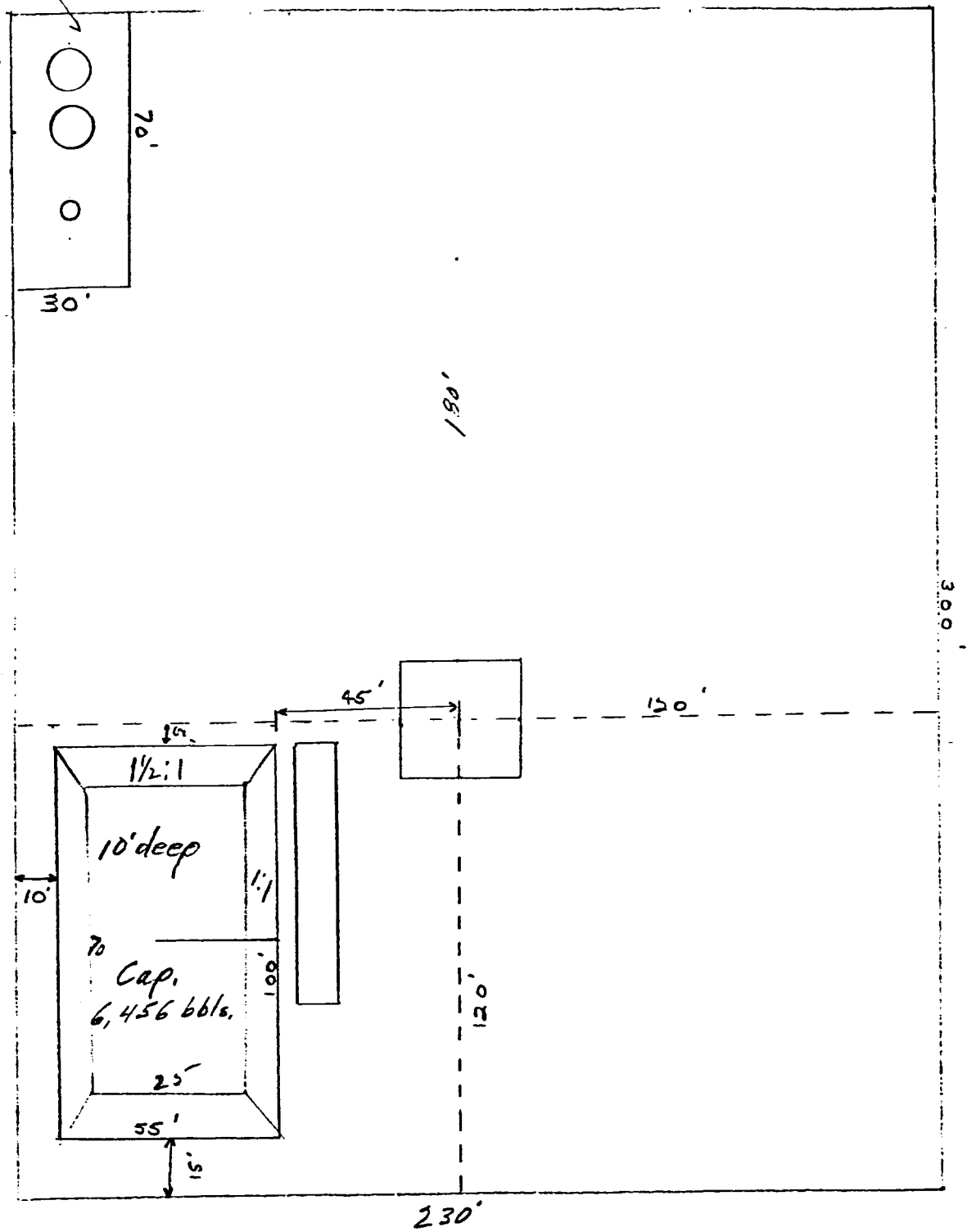
10/4/84
Date

Clinton S. Peatross
Clinton S. Peatross
License No. 4779 (Utah)





pad to be elevated 3 feet



8 POINT COMPLIANCE PROGRAM

WELL NAME: ROSELAND OIL AND GAS INC. ANTELOPE CREEK FEDERAL
1-35-4C

LOCATION: SE SW Sec. 35, Twp 8 S, Rge 15 E. Salt Lake Base
and Meridian, Duchesne County, Utah

1. ESTIMATED TOP OF GEOLOGIC MARKERS:

Uinta Formation	Surface
Douglas Creek member of Green River Formation	5500'
Basial Green River	6600'
Wasatch	7000'

2. ESTIMATED TOPS OF ANTICIPATED WATER, OIL, GAS, OR MINERALS:

Water:	0 to 5000'
Oil and gas:	5000' to 7000'

3. B.O.P. EQUIPMENT AND TESTING: (Minimum specifications)

The rig will be equipped with 10", 3000 PSI, double ram B.O.P.'s with a 10", 3000 PSI annular type B.O.P. Pipe rams and blind rams will be tested to 2000 PSI, and the annular B.O.P. will be tested to 1500 PSI before drilling out from surface casing. Pipe rams will be operationally checked each day, and blind rams every trip out of the hole.

Accessories to B.O.P.'s include kelly cock, floor safety valve, and choke manifold of equivalent pressure rating.

4. DRILLING EQUIPMENT AND CASING PROGRAM:

(A) Surface hole: 300' of 10 3/4" hole will be drilled with an air rig, and cased with 8 5/8", 24#, J-55 casing. The casing will be cemented to surface.

(B) Main hole: 7100' of 7 7/8" hole will be drilled with a Rotary Drilling Rig, and cased to surface with 5 1/2", 17#, J-55, casing if productive. Cement program will be determined at that time, and will cover the oil shale at approximately 2000'. ✓

5. MUD PROGRAM AND MONITORING EQUIPMENT:

0 to 4500'	Drill with fresh water.
4500' to T.D.	Drill with KCL water (approximately 30,000 PPM chlorides)

8 POINT COMPLIANCE PROGRAM

No Monitoring equipment will be used. Loss circulation and kicks will be determined from visual inspection of pit or mud logger, although neither is anticipated.

6. ANTICIPATED TESTING, LOGGING, CASING PROGRAMS.:

(A) No DSTs will be run.

(B) Logging program: DLL with Gamma Ray and Micro SFL from PBTD to 300'. FDC, CNL from PBTD to approximately 4500'. Mud log from 3000' to PBTD.

(C) No coring is anticipated.

7. ANTICIPATED ABNORMAL PRESSURE TEMPERATURE OR HAZARDS:

None anticipated.

8. ANY OTHER PLANS OR CONDITIONS:

The anticipated starting date is November 15, 1984 if all conditions can be met. Drilling operations are expected to last 10 days from spud to rig release.

ROSELAND OIL AND GAS INC.
13 POINT SURFACE USE PLAN
FOR
WELL LOCATION: 1-35-4C
LOCATED IN
SECTION 35, T8S, R15E, S.L.B. & M.
DUCHESNE COUNTY, UTAH

ROSELAND OIL AND GAS INC.

ANTELOPE CREEK FEDERAL 1-35-4C

1. EXISTING ROADS:

See attached topographic map "A".

To reach Roseland Antelope Creek Federal 1-35-4C located in Section 35, Twp 8S, Rge 15E, Salt Lake Base & Meridian, Duchesne County, Utah:

Proceed South westerly out of Myton, Utah on U.S. highway 40 for 1.5 meters. Turn south on State highway # 53 and proceed approximately 2 miles to the Wellington Road. Turn right and go approximately 4 miles to cattle guard where BLM land starts. Turn right and go about 2 miles to "T" on road. Turn left for approximately 2 miles to new road leading west to Lomax Well Draw State 4-2. Take their road for 1 1/2 miles to stakes leading north to location.

All Roads besides highway 40 and 53 are dirt oilfield roads built from native material. There will be no additional construction on the above described roads.

2. PLANNED ACCESS ROAD:

The access road leaves the road to the Lomax State 4-2 at a point in the N 1/2 of section 2, and proceeds north-westerly along an existing jeep trail for 1/2 mile to location. This section of road will require total construction and will be built from native material.

This proposed road will be 18' across road with drain ditches along each side. A minimum amount of dirt will be moved while constructing the road.

3. LOCATION OF EXISTING WELLS:

There are two existing oil wells in the area. These are the Lomax well in section 2 to the south and Coors Energy well in section 3 to the west. See attached map.

There are no known water wells, abandoned wells, shut in wells, injection wells or monitoring wells in a 1 mile radius of this location

4. LOCATION OF EXISTING AND PROPOSED FACILITIES:

There are no Roseland Oil and Gas Inc tank batteries, production facilities, oil gathering lines, injection lines, or disposal lines within a mile radius of this location site.

In the event that production is established, plans for a flowline from this location to existing lines in the area will be submitted to the proper authorities and the existing area of the location will be utilized for the establishment of the necessary production facilities.

The total area that is needed for the production of this well will be fenced and cattle guards which will be utilized for access to these facilities.

The area will be built if possible, with native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

These facilities will be constructed using bulldozers, graders, and workmen crews to construct and place the proposed facilities.

If there is any deviation from the above, all appropriate agencies will be notified.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item # 10.

5. LOCATION AND TYPE OF WATER SUPPLY:

Water to be used for drilling and production of this well will be hauled by truck from Pleasant Valley or Antelope Creek.

In the event that the above sources are not used, other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS:

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soil and sandstone and shale material gathered during the actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL:

See location layout sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 10' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a plastic liner.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item # 10 will be followed.

All garbage and other waste material will be contained in a trash basket made of small mesh wire and will be taken to the nearest sanitary landfill for disposal upon completion of the well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES:

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT:

See attached location layout sheet.

All involved agencies shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item # 7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a plastic liner and any other type of material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE:

As there is some topsoil on the location site, it shall be stripped and stockpiled. (See location layout sheet). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around the pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket will be hauled to the Duchesne City Land Fill.

As mentioned in Item # 7, the reserve pit will be completely fenced and wired with overhead wire and flagging installed. If there is oil in the pits, it will be allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the BLM District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items # 7 and # 10.

11. OTHER INFORMATION:

The Topography of the General Area (See Topographic Map "B").

The area is at the Northwest end of the Uintah Basin which is formed by the Book Cliff Mountains and the Green River to the South and the Uinta Mountains to the North. The area is interlaced with numerous canyons and ridges formed in sandstone, cobblerock, conglomerate, and shale deposits.

The majority of the smaller drainages are of a non-perennial nature with normal flow limited to the early spring run-off and heavy thunder-storms or rain storms of high intensity that last over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation, (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poor gravels and shales and outcrops of rock (sandstone, mudstone, conglomerate, and shale).

Due to the low precipitation average, climatic conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of juniper, pinion pine, sagebrush, rabbitbrush, some grasses, and cacti, on the upper benches with cottonwoods, beach, willows, Russian olives, and grasses along the lower levels close to the wet areas and streams.

The fauna of the area consist predominately of the mule deer, coyotes, rabbits, varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing livestock.

The Topography of the Immediate Area (See Topographic Map "B").

The 1-35-4C sits on the West side of a ridge out of a non-perennial drainage to the South. This drainage drains to the South into Wells Draw which is part of the Duchesne River drainage.

The geologic structures of the area surrounding this location are from the Duchesne River Formation containing fluvial

11. cont. sandstones and mudstones from the Eocene Epoch and relatively younger alluvial deposits chiefly along the stream beds.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. See attached report.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE:

Kenneth Allen
Cochrane Resources Inc.
P.O. Box 1656
Roosevelt, Utah 84066
Telephone. 801-722-5081

ROSELAND OIL AND GAS INC.
ANTELOPE CREEK FEDERAL 1-35-4C
Section 35. T8S, R15E, Salt Lake Base and Meridian
Duchesne County, Utah

13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operation proposed herein will be performed by Roseland Oil and Gas Inc., and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

Oct 30 1984
DATE

Kenneth Allen
Kenneth Allen

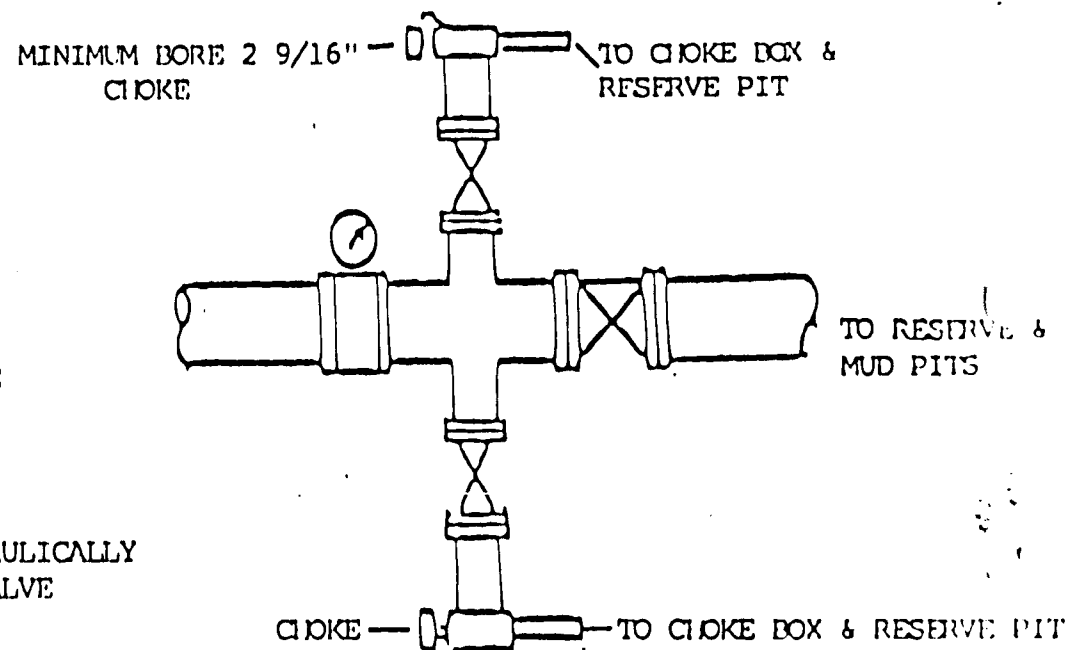
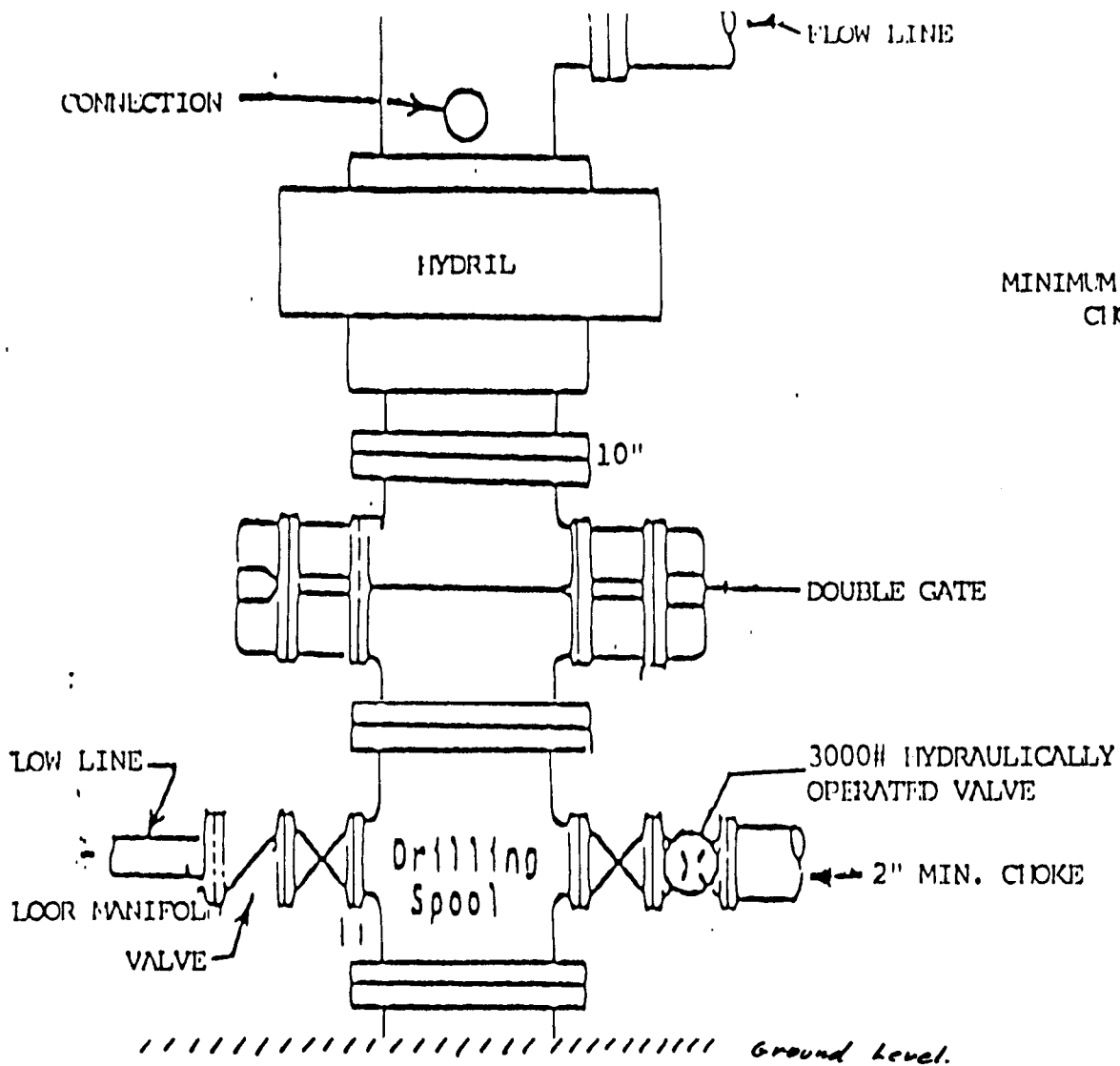


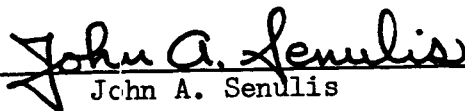
DIAGRAM "C"

ROSELAND OIL AND GAS INC.
 ANTELOPE CREEK FEDERAL 1-35-4C
 DUCHESNE COUNTY, UTAH

INTENSIVE CULTURAL RESOURCE SURVEY
AND INVENTORY OF THE
ANTELOPE CREEK FEDERAL #1-35-4C WELL PAD AND ACCESS ROAD
PERFORMED FOR
GULF OIL EXPLORATION AND PRODUCTION COMPANY

In accordance with Bureau of Land Management
and State guidelines in Duchesne County, Utah
BLM Antiquities Permit #84-UT-54633
State of Utah Survey Permit #U-84-14
State of Utah Project Permit #U-84-14-126I,P

SP-UT-55
SENCO-PHENIX
October 10, 1984


John A. Senulis

Principal Investigator

Department of the Interior
Bureau of Land Management
Utah State Office

Summary Report of
Inspection for Cultural Resources

BLM Report ID No.

Report Acceptable Yes ☐ No ☐

Mitigation Acceptable Yes ☐ No ☐

Comments: _____

1. Report Title <u>ANTIELOPE CREEK FEDERAL 1-35-4C</u>		40
2. Development Company <u>Gulf Oil Exploration and Production Company</u>		
3. Report Date <u>1101</u> <u>11984</u>	4. Antiquities Permit No. <u>84-UT-54633</u>	
5. Responsible Institution <u>SENIOR PHENIX</u>		County <u>Duchesne</u>
6. Fieldwork Location: TWN <u>8S</u> Range <u>15E</u> Section(s) <u>35</u>		
TWN <u>9S</u> Range <u>15E</u> Section(s) <u>02</u>		
7. Resource Area <u>BC</u> TWN <u>94</u> Range <u>98</u> Section(s) <u>102103</u>		
PO=PONY EXPRESS, BR=BEAR RIVER, PR=PRICE RIVER, WS=WARM SPRINGS BC=BOOK CLIFFS, HR=HOUSE RANGE, SE=SEVIER RIVER HM=HENRY MOUNTAINS, BE=BEAVER RIVER, DX=DIXIE KA=KANAB, ES=ESCALANTE, SJ=SAN JUAN, GR=GRAND SR=SAN RAFAEL, DM=DIAMOND MOUNTAIN		
8. Description of Examination Procedures: Walkover survey of well pad, ten acres surrounding, and access using 15 meter transects to a total right-of-way of 30 meters.		
9. Linear Miles Surveyed and/or Definable Acres Surveyed and/or Legally Undefinable Acres Surveyed	10. Inventory Type <u>I</u>	
	R=Reconnaissance I=Intensive S=Statistical Sample	
11. Description of Findings (attach appendices, if appropriate)		12. Number Sites Found: <u>131</u>
Rusted tin cans, a tobacco tin, and modern evaporated milk can were found in no concentration to the west of the project area. The cans probably eroded down the ridge outside the survey area.		13. Collection: <u>N</u> Y=Yes, N=No
14. Actual/Potential National Register Properties Affected: The findings were not significant and not recorded as a site. No National Register properties will be affected.		
15. Conclusion/Recommendations: No further work, archeological clearance is recommended.		
16. Signature and Title of Institutional Officer Responsible <u>John A. Fenulis</u> Principal Investigator		

Note: Include only requested information in numbered spaces.

* For extra locationals use additional 8100-3 forms.

Abstract

An intensive cultural resource survey was performed on the Antelope Creek Federal #1-35-4C Well Pad and Access Road for Gulf Oil Exploration and Production Company by John A. Senulis of SENCO-PHENIX.

No significant cultural resources were located which will not require further work and archeological clearance is recommended.

Two rusted tin cans, apparently eroded down from the ridge to the west, were observed in the far west segment of the survey area.

Survey Location

The proposed well pad is located in the SE/SW, Section 35, Township 8 South, Range 15 East.

The proposed access road begins in Section 2, Township 9 South, Range 15 East at a point off an existing upgraded road and continues westerly along a newly constructed access to a Lomax location also in Section 2. The road then heads northerly along an existing two-track road into Section 35. The well pad is just west of the existing road in the SE/SW of Section 35.

The project area was staked. The above project is noted on the enclosed copy of U.S.G.S. 7.5 Quad: Myton, SW, Utah (1964).

Construction of the well pad and access road will involve moderate construction activities which will not adversely affect the existing environment.

Environmental Setting

The specific project area is generally flat in a wash with a topographical form of dissected uplands at an elevation of 5875 feet.

The immediate drainage is an intermittent stream which flows four miles to the northeast into the Pleasant Valley drainage. There is no permanent water in the project area.

Soils are tan gravelly loams with heavy outcroppings of sandstone and shale shattered bedrock.

Vegetation in the project area falls within the shadscale community with shadscale, iodine bush, saltbrush, rabbitbrush, winterfat, and greasewood. Some of the sparse grasses include squirreltail grass, wild buckwheat and cheatgrass.

Fauna in the area includes deer, antelope, rabbits and other burrowing animals. Small birds, migratory birds and miscellaneous microfauna complete the scenario. On the day of survey, no wildlife was seen.

Archeological Potential

A files search at the Utah Division of State History, Antiquities Section indicated that Coors Energy had archeological surveys performed on a number of well pads and access roads in sections immediately west with no sites discovered. SENCO-PHENIX has performed block surveys for Gulf in the area and has found a stone tower and junked cars.

Methodology

On October 4, 1984, a walkover survey was conducted by John A. Senulis and Jeanne Senulis of the ten acres surrounding the well pad with multiple transects no further spaced than 15 meters, and of the access road with transects no further spaced than 15 meters to a total right-of-way of 30 meters. Special attention was paid to areas of ground exposure from animal burrowing and erosion, and to areas of human activity.

Survey Conditions

The sky was partly cloudy and the temperature was approximately 65° F. with the winds out of the west at about 5-10 m.p.h.

Visibility was generally good, 75%, because of low to moderate vegetation cover.

Soils on the day of survey were dry.

Findings

No significant cultural resources of either historic or prehistoric structures or sites were located within the project area.

Some rusted tin cans, a tobacco tin, and a modern evaporated milk can

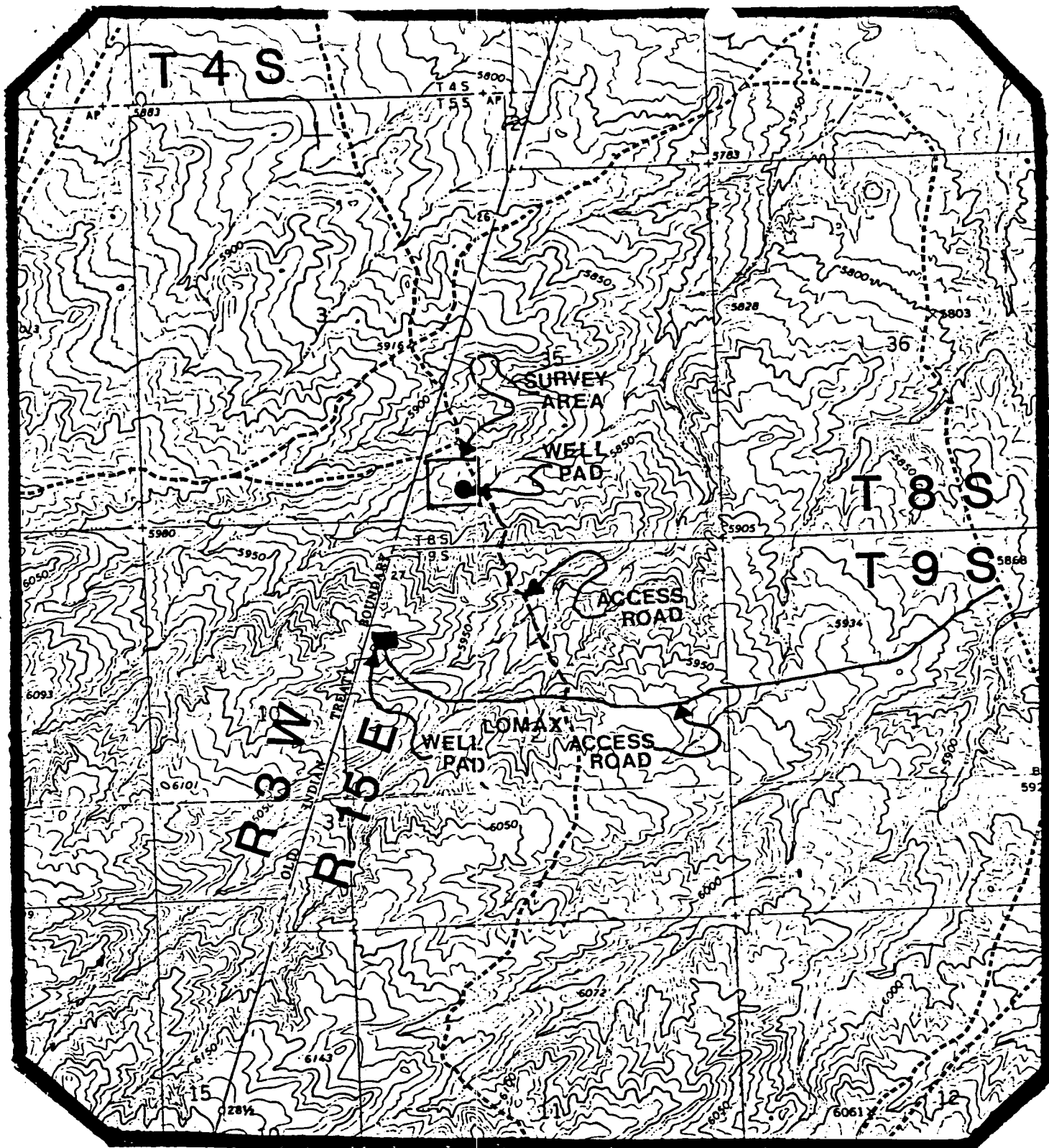
were observed at the western edge of the project area. They were separated by 20 meters and probably have eroded from the ridge to the west beyond the survey area.

Recommendations

Cultural resources of minimal significance were found within the project area and the probability of undetected remains is slight. No further work is recommended and the project should receive archeological clearance.

If any cultural values are observed during operation of this lease/permit/right-of-way, they are to be left intact and the BLM District Manager in Vernal should be notified. The District Manager should conduct an evaluation of the cultural value to establish suitable mitigation measures.

These recommendations are subject to approval or modification by the BLM District Manager and the Utah Division of State History, Antiquities Section.

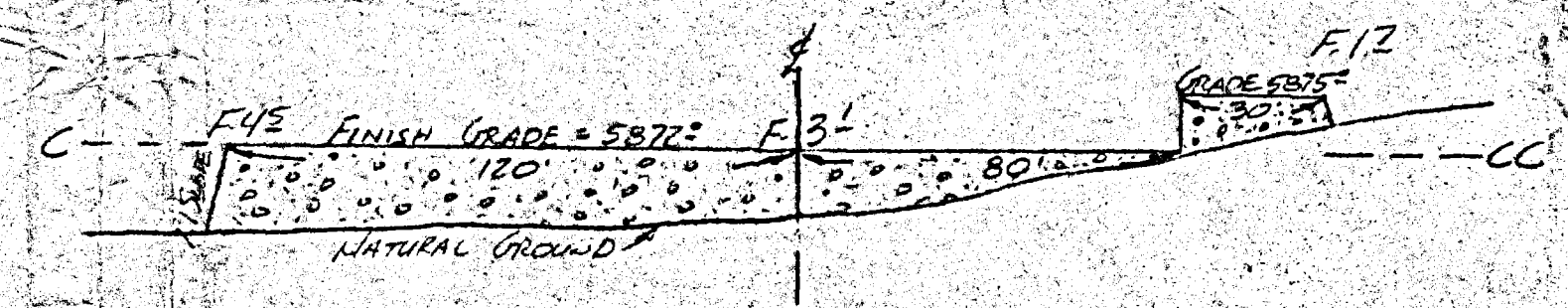
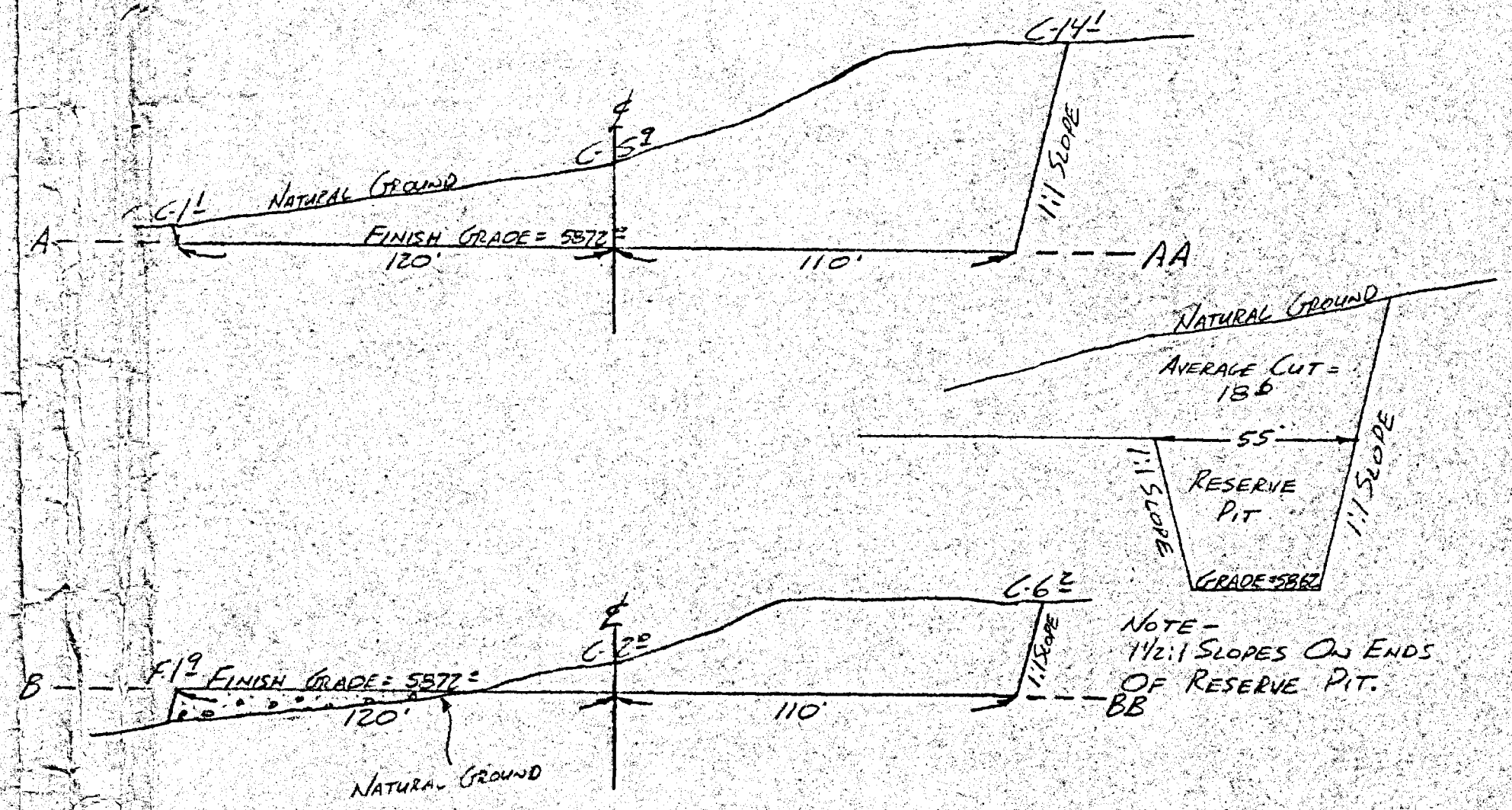
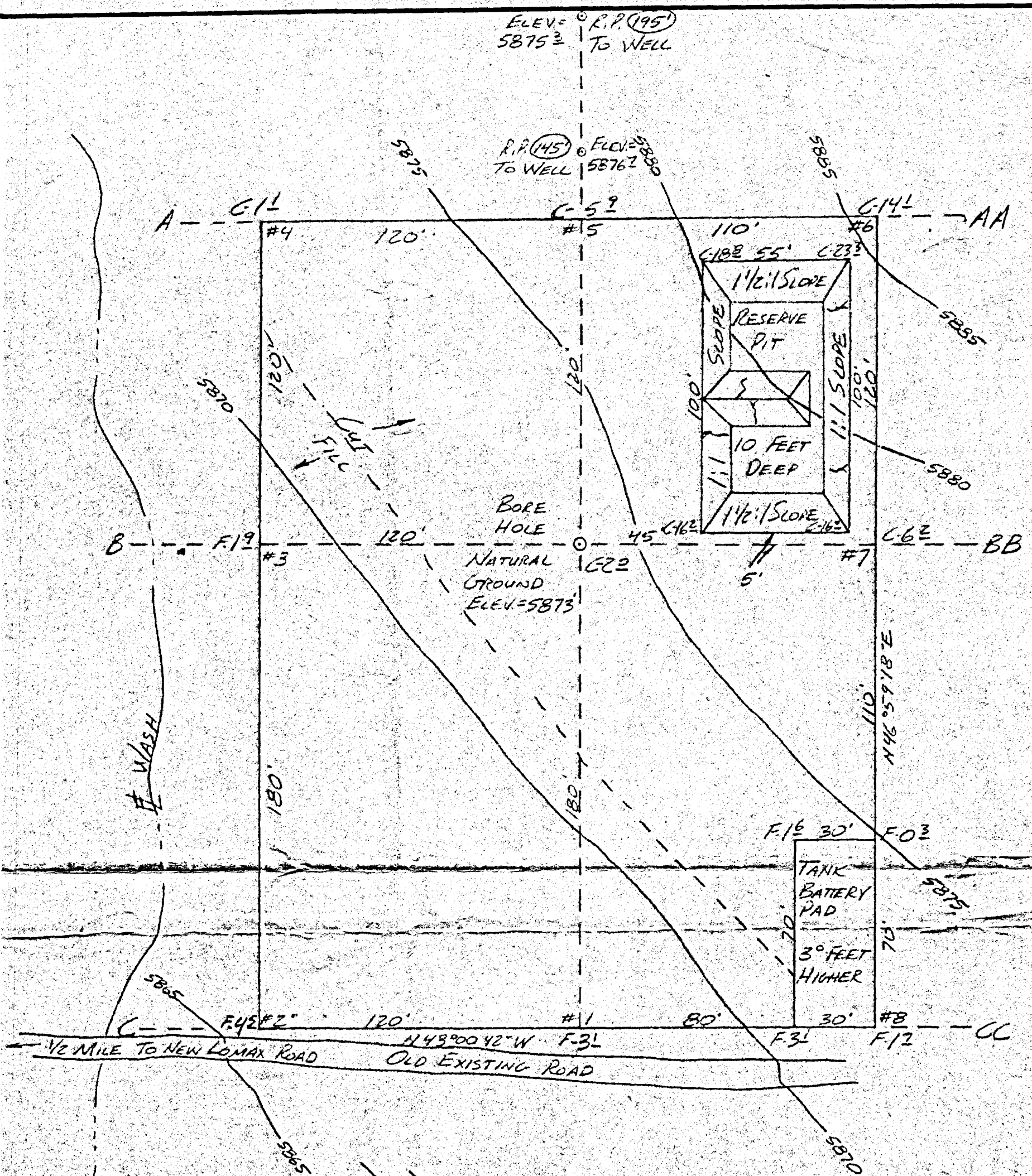


ANTELOPE CREEK FEDERAL #1-35-4C WELL PAD AND ACCESS ROAD
 GULF OIL EXPLORATION AND PRODUCTION COMPANY
 SECTION 35, T8S, R15E, SECTION 2, T9S, R15E,
 DUCHESNE COUNTY, UTAH
 U.S.G.S. 7.5' QUAD: MYTON, SW, UTAH (1964)
 SP-UT-55



SENCO-PHENIX
 ARCHAEOLOGICAL SURVEYS

P.O. BOX 9197
 SALT LAKE CITY, UT.
 84109



HORZ. SCALE 1"=40'
VERT. SCALE 1"=10'

NOTES
2415 CUBIC YARDS FILL ON PAD
6048 CUBIC YARDS CUT ON PAD
1361 CUBIC YARDS CUT ON PIT
1/2 MILE OF ROAD IMPROVEMENT
(SEE ATTACHED TOPOG. SHEETS)



PLAT REVISED 10/15/84 TO WIDEN PAD

10/4/84	JOB # 247	P.O. # 164366-CA
PREPARED FOR GULF OIL EXPLORATION & PRODUCTION Co. P.O. Box 2619 CASPER, WYOMING 82602		
GULF-ANTELOPE CREEK - FED. # 1-35-4C S.E. 1/4, S.W. 1/4, SECTION 35, T.9S, R.15E, SLE & M DUCHESTER COUNTY, UTAH		
PREPARED BY PEATROSS LAND SURVEYS REGISTERED LAND SURVEYORS P.O. BOX 271 DUCHESTER, UTAH 84021 (801) 738-2386		



United States Department of the Interior

BUREAU OF LAND MANAGEMENT VERNAL DISTRICT OFFICE

170 South 500 East
Vernal, Utah 84078

IN REPLY
REFER TO:

3100
O & G

November 5, 1984

Roseland Oil and Gas, Inc.
P.O. Box 404
Tyler, TX 75710

Re: Application for Permit to Drill
Well No. 1-35-4C
Sec. 35, T8S, R15E
Lease No. U-49090

The referenced application was received on November 3, 1984.

The administrative aspects of your application will be complete upon receipt of the following:

Anticipated bottom-hole pressure.

As part of the approval process, your application will be reviewed for technical adequacy and proposed surface mitigation. Personnel in the respective Resource Area Offices have, or will coordinate a joint onsite inspection with you to review the surface use plan and to identify any special surface or subsurface concerns we may have. During this portion of the approval process, you may be required to furnish additional information.

If the deficiencies listed above are not corrected and/or the additional required information is not submitted within 45 days of the date of this letter, the application shall be returned to you.

Once your application is determined administrative and technically complete, final approval will be issued from this office.

Sincerely,

Craig M. Hansen
for Craig M. Hansen
Associate District Manager
Minerals

789 7021

OPERATOR Reelund Oil & Gas, Inc DATE 11-6-84
WELL NAME Antelope Creek #1-35-40
SEC SE SW 35 T 85 R 15E COUNTY Duchesne

43-013-31021
API NUMBER

Lease
TYPE OF LEASE

CHECK OFF:

☒

PLAT

☒

BOND

☐

NEAREST WELL

☒

LEASE

☐

FIELD

☐

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other wells within 1000'

Need water permit

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

C-3-a

CAUSE NO. & DATE

☒

C-3-b

☐

C-3-c

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

November 8, 1984

Roseland Oil & Gas, Inc.
P. O. Box 404
Tyler, Texas 75710

Gentlemen:

Re: Well No. Antelope Creek #1-35-40 - SE SW Sec. 35, T. 8S, R. 15E
800' FSL, 3500' FEL - Duchesne County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2
Roseland Oil & Gas Inc.
Well No. Antelope Creek #1-35-4C
November 8, 1984

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31021.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. J. Firth". The signature is stylized with a large, looped "R" and a cursive "Firth".

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

COCHRANE RESOURCES, INC.

Engineering
Wellsite Supervision
Lease Operating

P.O. Box 1656
Roosevelt, Utah 84066
Phone (801) 722-5081

November 27, 1984

Department of the Interior
Bureau of Land Management
Vernal District Office
170 S. 500 E.
Vernal, Utah 84078
Attn: Craig M. Hansen

RECEIVED
NOV 29 1984

RE: Application for permit to drill
Well No. 1-35-4C
Sec. 35, T8S, R15E
Lease No. U-49090

DIVISION OF
OIL, GAS & MINING

Dear Sir:

With respect to the subject well, and your letter dated November 5, 1984, the anticipated bottom hole pressure for the well is 3200 PSI.

Please advise if you require additional information.

Yours Truly,



Ken B. Allen
For Roseland Oil and Gas Inc.

KA/er

cc: State of Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U-49090

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

7. Unit Agreement Name

b. Type of Well

Oil
Well ☒Gas
Well ☐Other ☐Single
Zone ☐Multiple
Zone ☐

8. Farm or Lease Name

Antelope Creek

9. Well No.

1-35-4C

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec 35, T8S, R15E

12. County or Parish 13. State

Duchesne Utah

14. Distance in miles and direction from nearest town or post office*

15 miles S.W. of Myton, Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

701'

16. No. of acres in lease

17. No. of acres assigned
to this well18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

1600'

19. Proposed depth

7100'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

G.R. 5873'

22. Approx. date work will start*

Nov. 25, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
10 3/4"	8 5/8"	24#	300'	to surface
7 7/8"	5 1/2"	17#	7100'	to be determined

The proposed well will be drilled to a total depth of 7100'.

12 1/4" hole will be drilled with an air rig and 8 5/8"
24# surface casing will be set at 300'± and cemented to sur-
face.5 1/2" liner will be set at 7100'. Cementing program will be
determined when T.D. is reached.

Anticipated BHP 3,200 psi (per 100' depth)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new pro-
ductive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout
prevention program, if any.

24.

Signed

Title

Agent for Roseland Oil & Gas 10-31-84

(This space for Federal or State office use)

Permit No.

Approval Date

DISTRICT MANAGER

Approved by

Title

Date

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED
3 ORIGINALS & COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

POOR COPY

Div OGC-M

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Roseland Oil and Gas Well No. 1-35-4C
Location Sec. 35 T8S R15E Lease No. U-49090
Onsite Inspection Date 11-08-84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment:

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

5. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

7. Planned Access Roads

- a. Length: 1/4 mile new access road on Federal land.
- b. Width: 30' right-of-way.
- c. Drainage: Culverts as needed.

All travel will be confined to existing access road rights-of-way.

8. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

Tank batteries will be placed on the northwest corner of the location between points 7 and 8.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely downstream of the meter. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

9. Source of Construction Material

The use materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Construction material will be located on lease.

10. Methods of Handling Waste Disposal

The reserve pit will be lined with a plastic-reinforced (nylon) liner.

Burning will not be allowed. All trash must be contained and disposed of by a trash cage and hauled to an approved sanitary landfill.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

11. Well Site Layout

The reserve pit will be located on the west side of the location between points No. 6 and 7.

The stockpiled topsoil will be stored on the northwest corner of the location between points 7 and 8.

Access to the well pad will be from the northeast.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

12. Plans for Restoration of Surface

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The plastic liner shall be torn and shredded before backfilling of the reserve pit.

All disturbed areas will be recontoured to the approximately natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast, the seed mixture will be proportionately larger to total 14 lbs./acre.

The following seed mixture will be used:

Stipa comata	1 lb./acre
Agropyron cristatum	1 lb./acre
Poa secunda	1 lb./acre
Atriplex confertifolia	2 lbs./acre
Ceratoides lanata	2 lbs./acre
Kochia prostrata	2 lbs./acre
Total	<u>9 lbs./acre</u>

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed within 90 days of well completion, weather permitting.

13. Surface and Mineral Ownership

BLM surface - Federal minerals.

14. Other Information

Diversion ditch on southeast side of the location drainage to the north.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE: Vernal, Utah

SERIAL NO.: U-49090

and hereby designates

NAME: Roseland Oil and Gas, Inc.

ADDRESS: 342 Republic Bank Tyler, P. O. Box 404, Tyler, Texas 75710

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

Township 8 South, Range 15 East, SLM
Section 35: All

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

October 19, 1984

(Date)



(Signature of lessee)

E. H. Phillips, Attorney-in-Fact
Gulf Oil Corporation

P. O. Box 2619, Casper, Wyoming 82602

(Address)

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and thereto does not require OMB approval.

RECEIVED

MAY 06 1985

3100
O&G
U-49090

DIVISION OF OIL
GAS & MINING

May 2, 1985

Roseland Oil and Gas, Inc.
%Cochrane Resources, Inc.
P.O. Box 1656
Roosevelt, Utah 84066

Re: Rescind Application for Permit
to Drill
Well No. Antelope Creek 1-35-4C
Section 35, T8S, R15E
Duchesne County, Utah
Lease No. U-49090

Gentlemen:

Your Application for Permit to Drill the referenced well was approved on December 3, 1984. Due to considerations for lease assignments, this office sent a request to you asking for your intentions towards drilling the referenced well. The response received by this office indicated that Roseland Oil and Gas would not be drilling the referenced well.

In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Donald E. Hansen

for Craig M. Hansen
Assistant District Manager
for Minerals

GEK:brm

cc: U-942



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 20, 1986

Roseland Oil and Gas, Inc.
P O Box 404
Tyler, TX 75710

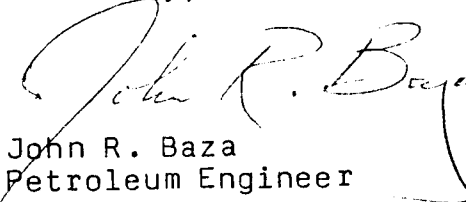
Gentlemen:

Re: Well No. Antelope Creek #1-35-4C - Sec. 35, T. 8S, R. 15E
Duchesne County, Utah - AFI #43-013-31021

In concert with action taken by the Bureau of Land Management, May 2, 1985, approval to drill the above referenced well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,


John R. Baza
Petroleum Engineer

ta
cc: Dianne R. Nielson
Ronald J. Firth
File

0381S/1